

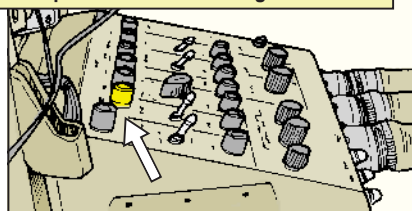
# Smokin' with Your M56

**A**s you and your new M56 smoke generator get acquainted, there are a few things you can do to smooth your smoking.

## Keep It Fueled

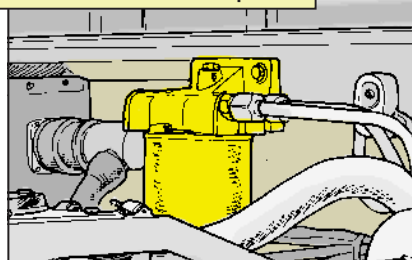
Pay attention to the fuel. There is no fuel gauge, so you must keep an eye on the fuel warning light on the control panel. Once it lights up, you have only 5–10 minutes worth of fuel left. Stop smoking immediately if at all possible and fill the fuel tank.

Fill up ASAP when FUEL light comes on



If you let the M56 run dry, air gets in the fuel lines. To get it out and start smoking again, you must bleed any air from the fuel lines and the fuel filter/water separator after you refill the tank. See Para 3-13 in TM 3-1040-282-10 for the procedure.

Bleed fuel filter/water separator

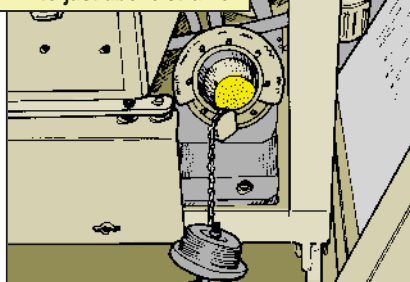


Even then, you still may have trouble re-starting.

So always fill the tank at the beginning of operations—but don't overfill it. Heat expands fuel and that can lead to leaks. Fill the tank only until the fuel is just above the strainer.

A full tank will last about 2 hours.

Fill to just above strainer

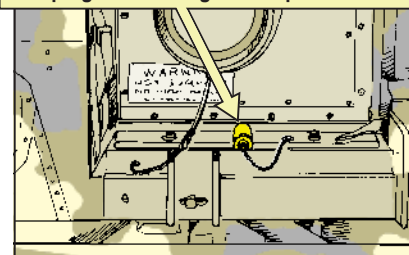


## Keep It Dry

Water can short out the engine's electrical components and lead to corrosion. So keep the engine compartment turbine enclosure covered with the M56's tarp when the generator's sitting for long. If water's getting into the enclosure, it's probably because the lid isn't sealing properly. Your support can adjust the lid hinges to stop leaks. Be careful not to spray water into the enclosure's intake vents when you wash the M56.

Check the bottom of the engine enclosure for water after a rain or washing. If water gets in the engine compartment, drain it by removing the drain plug at the bottom rear of the enclosure.

Pull plug to drain engine compartment water

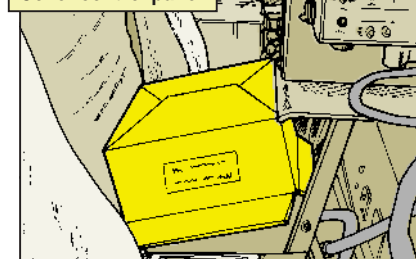


Also keep water away from the IR ejector. If water gets down the IR transport hose into the grinder, it can lead to corrosion that causes the grinder to seize.

Keep your feet off the fog oil pump motor, too. That breaks the seal around the electrical connector, which lets water into the pump motor and leads to seizing.

Finally, don't toss stuff like helmets into the cab of the truck. It doesn't take much of a hit to break the toggle switches on the control panel. If it's a problem in your unit, find a cardboard box that fits over the control panel and keep the box on the panel when you're not operating. That will protect the switches.

Cover control panel



IF YOU FOLLOW THESE RULES YOUR M56 WILL SMOKE LIKE A CHIMNEY.

